

## Product datasheet for **RN211398**

### Srms (NM\_001011961) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Srms (NM_001011961) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Srms
Synonyms:	MGC109505
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN211398 representing NM\_001011961  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGCGCCTTCGTCGCAACCAGGCCCTAGGCATGGAGCCCTCCTCCGGAAGCGGCTCACTTTCTTGT  
 CCTTTTTCTGGGATAAGATATGGCCAGCGGGTGTAGTCGGAGGAAGACATCCCAGGATCCAGGGACAGGA  
 CGACAACCAGTCCGGAGCAACCAGCTGCCGTTGAACCTTGTAGCTTCCAGCCCCACGCGCCGACTC  
 TTCGCGCGCTCTACGACTTCACTGCTCGATGTGCAGAGGAAGTGTGAGCGTCAGCCGCGGGACAGACTCT  
 ACGCCCTCAAGGAGGAGGGGAGTACATTTTTGCCAAAGGCTCTCTGGGCCACCCAGCACCAGGACTAGT  
 TCCAGTCACTACCTTGCCAAGGCTACCCCGGAGACGCCCTCAGACCAACCTTGGTACTTCAATGGGATC  
 AGCAGGACTCAGGCCAGCAGTTGCTCTTGTCTCCTGCCAACGCACCAGGGCCCTCCTCATCCGGCCCA  
 GCGAAAGCAGCATCGGGGATATTCTCTGTGTCAGTCAGGGCTCAGGCCAAAGTCTGCCACTATCGAATCTG  
 CATGGCACCTAGCGGCGGCTCTACCTGCAGGAGGGTCTGACTCTCCCCAGCCTGGATGCATTGCTAGCT  
 TACTACAAGACCAACTGGAAGCTGATCCAGAACCCTCTGTTGCAGCCCTGTGTACCCAGATGCCCTTGG  
 CTCAGGACGAGTGGGAACGGCCACGTTTCAAGATTTGTCCTTCGGAGAAAAGTGGGTGAAGGCTTCTTCGG  
 GGAGGTGTGGGAAGGCTTGTGGCTGGGCTCTACACCTGTGGCGGTGAAGGTAATCAAATCAGCTGACATG  
 AAGCTGGCAGACCTACCAAGGAGATTGAGGCACTGAAGAGCCTGAGGCATGAGCGGCTAATCCGACTGC  
 ACGCTATATGCTCCCTGGGTGAACCCGTGTACATCGTTACTGAACTCATGGGCAAGGGCAACTTGCAGGT  
 CTACCTGGGCAGCCCTGAGGGAAAGGCCCTGAGCCTGCCTCATCTACTGGGATTTGCCTGCCAGGTAGCT  
 GAGGGCATGAGCTACCTGGAGGAGCGCGTGTGTTGCCACCGGACTTGGCTGCCAGGAACGTGCTGGTGG  
 GGGATGACCTCACCTGCAAGGTAGCTGATTTTGGCCTGGCCAGACTGCTCAAGGACGAGCTACTCCCC  
 AAGCAGTGGCTCCAAGATCCCCGTCAAGTGGACGGCACCTGAGGCTGCTAATTACCGTGTCTTTTCCCAA  
 AAGTCAGATGTTTGGTCCTTGGCATCCTGCTGTATGAGGCTTCACTTATGGCCAGTGTCCCTATGAGG  
 GAATGACCAACCACGAGACGCTACAGCAGATTAGTCGTGGATACCGGCTGCCACGCCAGCTGTCTGCC  
 AGCAGAGGTCTACATGCTCATGGTGGAGTGTGGAAGGGCAGCCCTGAGGAGCGTCCACCTTTGCCACA  
 CTGAGGGAGAAGCTGAATGCTATAAACAGACGCCCTCCACCTGGGCCTCACGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001011961

**Insert Size:** 1524 bp

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_001011961.1](#), [NP\\_001011961.1](#)

**RefSeq Size:** 2241 bp

**RefSeq ORF:** 1524 bp

**Locus ID:** 296472

**Cytogenetics:** 3q43